

CLAIMS

What is claimed is:

- 1 1. A method for providing Internet data mining functionality comprising the
2 steps of:
3 transmitting to a browser operated by a user a Web page for display to the
4 user, the Web page including a control for activating a data mining function;
5 launching a servlet in response to an indication that the control has been
6 activated;
7 transmitting a request for data mining processing from the servlet to a data
8 mining engine;
9 receiving a result of the data mining processing from the data mining
10 engine; and
11 transmitting the result to the browser.
- 1 2. The method of claim 1, wherein the servlet is a reusable software
2 component.
- 1 3. The method of claim 2, wherein the servlet is a JavaBean.

1 4. The method of claim 3 wherein the JavaBean comprises a call to a Java
2 Application Program Interface.

1 5. The method of claim 2, wherein the servlet is launched using a Java
2 Server Pages tag.

1 6. The method of claim 1, wherein activation of the control activates a
2 Hypertext Markup Language tag.

1 7. The method of claim 1, wherein the result of the data mining processing
2 comprises hypertext markup language code generated by the data mining engine.

1 8. The method of claim 1, further comprising the step of:
2 generating Hypertext Markup Language code based on the received result
3 of the data mining processing.

4
5 9. A computer program product for providing Internet data mining
6 functionality in an electronic data processing system, comprising:
7 a computer readable medium;

8 computer program instructions, recorded on the computer readable
 9 medium, executable by a processor, for implementing the steps of:
 10 transmitting to a browser operated by a user a Web page for display to the
 11 user, the Web page including a control for activating a data mining function;
 12 launching a servlet in response to an indication that the control has been
 13 activated;
 14 transmitting a request for data mining processing from the servlet to a data
 15 mining engine;
 16 receiving a result of the data mining processing from the data mining
 17 engine; and
 18 transmitting the result to the browser.

1 10. The computer program product of claim 9, wherein the servlet is a
 2 reusable software component.

1 11. The computer program product of claim 10, wherein the servlet is a
 2 JavaBean.

1 12. The computer program product of claim 11 wherein the JavaBean
 2 comprises a call to a Java Application Program Interface.

1 13. The method of claim 10, wherein the servlet is launched using a Java
2 Server Pages tag.

1 14. The computer program product of claim 9, wherein activation of the
2 control activates a Hypertext Markup Language tag.

1 15. The computer program product of claim 9, wherein the result of the data
2 mining processing comprises hypertext markup language code generated by the
3 data mining engine.

1 16. The computer program product of claim 9, further comprising the step of:
2 generating Hypertext Markup Language code based on the received result
3 of the data mining processing.

1 17. A system for providing Internet data mining functionality comprising:
2 a processor operable to execute computer program instructions; and
3 a memory operable to store computer program instructions executable
4 by the processor, the computer program instructions for performing the steps
5 of:

6 transmitting to a browser operated by a user a Web page for display to the
7 user, the Web page including a control for activating a data mining function;
8 launching a servlet in response to an indication that the control has been
9 activated;
10 transmitting a request for data mining processing from the servlet to a data
11 mining engine;
12 receiving a result of the data mining processing from the data mining
13 engine; and
14 transmitting the result to the browser.

1 18. The system of claim 17, wherein the servlet is a reusable software
2 component.

1 19. The system of claim 18, wherein the servlet is a JavaBean.

1 20. The system of claim 19 wherein the JavaBean comprises a call to a Java
2 Application Program Interface.

1 21. The system of claim 18, wherein the servlet is launched using a Java
2 Server Pages tag.

1 22. The system of claim 17, wherein activation of the control activates a
2 Hypertext Markup Language tag.

1 23. The system of claim 17, wherein the result of the data mining processing
2 comprises hypertext markup language code generated by the data mining engine.

1 24. The system of claim 17, further comprising the step of:
2 generating Hypertext Markup Language code based on the received result
3 of the data mining processing.

20020720 595700